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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: RECORDING AND REPRODUCTION SYSTEM, RECORDING APPARATUS AND REPRODUCING APPARATUS HAVING COPY PROTECTION FUNCTION

| | REGULAR OR DESIGN APPLICATION |
|-----|--|
| f 1 | is attached hereto. |
| L | is attached hereto. |
| [×] | was filed on July 2, 1999 as application Serial No. 09/346,934 and was amended on (if applicable). |
| | PCT FILED APPLICATION ENTERING NATIONAL STAGE |
| [] | was described and claimed in International application No. |
| | and as amended on (if any). |

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date

PRIORITY CLAIM

PRIOR FOREIGN APPLICATION(S)

| Country | Application Number | Date of Filing (day, month, year) | Priority Claimed |
|---------|-----------------------|--------------------------------------|---------------------|
| Japan | P10-204329 | 03/07/1998 | Yes |
| | | | |

(Complete this part only if this is a continuing application.)

before that of the application on which priority is claimed.

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application Serial No.) | (Filing Date) | (Statuspatented, pending, abandoned) |
|--------------------------|---------------|--------------------------------------|

POWER OF ATTORNEY

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from ______ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Robert J. PATCH, Reg. No. 17,355, Andrew J. PATCH, Reg. No. 32,925, Robert F. HARGEST, Reg. No. 25,590, Benoît CASTEL, Reg. No. 35,041, Eric JENSEN, Reg. No. 37,855, and Thomas W. PERKINS, Reg. No. 33,027, c/o YOUNG & THOMPSON, Second Floor, 745 South 23rd Street, Arlington, Virginia 22202.

Address all telephone calls to Young & Thompson at 703/521-2297.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| (given name, family name) | | | | | |
|--|--------------------------------------|--|--|--|--|
| Inventor's signature Kuzus Kund | Date <u>August 11, 1999</u> | | | | |
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| Full name of second joint inventor, if any: Toshio SUZUKI (given name, family name) | | | | | |
| Inventor's signature Toslino Suzuhi | Date August 11, 1999 | | | | |
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| Inventor's signature Yoshiaki Moriyama | Date <u>August</u> 11, 1999 | | | | |
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Full name of fourth joint inventor, if any Kazumi SUGAYA Residence Tsurugashima-shi, Saitama-ken, Japan Citizenship Japanese Post Office Address c/o Pioneer Electronic Corporation, Sougou Kenkyusho. No. 6-1-1 Fujimi, Tsurugashima-shi, Saitama-ken, Japan Full name of fifth joint inventor, if any ______ Fifth inventor's signature _____ Date Residence _____ Citizenship ____ Post Office Address Full name of sixth joint inventor, if any Sixth inventor's signature _____ Citizenship _____ Residence Post Office Address _____ Full name of seventh joint inventor, if any _____ Seventh inventor's signature _____ Citizenship _____ Residence _____ Post Office Address